

From qrp-l@lehigh.edu Thu Jun 15 01:13:38 1995
Message-Id: <1995Jun14.211151.1359@wb3ffv.ampr.org>
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: Re: "Good Stuff" on the QRP list
Date: Wed, 14 Jun 1995 21:13:38 EDT

You say you temporarily unsubscribed due to a lot of junk e-mail (among other things)? Subscribe to the digest instead! The new host, lehigh.edu, has a daily digest available. The first host, think.com, also had it, but the last one, netcom.com, had a version of majordomo that did not support it. I recently subscribed to the digest and it made a MAJOR change in my on-line habits! Quite dramatic! My mailbox used to be quite cluttered, and it took me most of the one hour daily connect time I am allowed by the system to deal with it. Now that I get the digest instead, which is a single e-mail message (albeit verrrrry long), all I do is take a couple minutes to download that single message, read it offline at my leisure, and have most of my connect time available. A side benefit: reading it offline helps me cut back considerably on outgoing messages (which also took a lot of time). With the regular qrp-l service, I'd read messages one by one, and quite often find myself firing off a reply to the sender immediately. Doing the reading offline, that has pretty much come to a halt, since I now have time to stop and decide if I really wanted to do it...and in 95% of the cases, they were replies that really didn't need to go out and clutter up the system.

Another nice thing about the offline reading is being able to page up and down and all around with the word processor, and it makes it really quick to bypass articles I'm not interested in at all. Best of all, I no longer miss important e-mail; before, it was unusual for my mailbox to have under a hundred messages, most of them either new that day or things I couldn't bring myself to delete--liked to read them over again and again. I would often miss important incoming e-mail in the clutter--not any more!

When everyone signed on to the new system they got a welcoming message, which included details on getting the digest instead of regular mail. Go back and read that; and if there is anyone out there who doesn't have the message, let me know and I'll repost the part about getting the digest.

When we left think.com and lost the daily digest, we lost a large number of subscribers--now that we have one available again, we should get a lot of them back. If any of you are having troubles due to the large number of messages in your mailbox from QRP-L, subscribe to the digest and I can almost guarantee you'll love it!

(Personal to Larry: if I see anything you need to get for the QRP Q,

I'll forward it.)

73 and Queue Our Pea DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From qrp-1@lehigh.edu Thu Jun 15 02:59:38 1995
Message-Id: <9506150252.AA02077@deneb.csustan.edu>
From: dh@deneb.csustan.edu (Doug Hendricks)
Subject: 140pF Johnson Air Variables
Date: Wed, 14 Jun 1995 22:59:38 EDT

Guys, I was in HSC yesterday buying parts for the Cascade kits, and Dave Meacham pointed out something to me that just took my breath away. Right there below the cash register in the glass case were 8 "BRAND NEW IN THE BOX 140 pF AIR VARIABLES". These are perfect for a qrp tuner, and they were still in the original boxes, unopened sealed packages!!! The numbers on the package were:

FSN IN 5910-187-5745
Capacitor, Variable Air
1 Ea.
ESO 211641
E.F. Johnson Co.
Waseca, Minn.
1A15X 10/63

These are the ones with the 1/4 inch shafts for the knobs. I have been looking for these for years. Dave said, "I want 4 of them." I said, "I'll take the other 4." I was then going to post this message and gloat over my treasure and tell the rest of you guys that we had good news and bad news about these caps. The good news was that we found them, and the bad news was that we had bought them all. But, Dave Meacham of this list went back to get some things that we forgot yesterday, and Dave Joseph, WA6BOY, who is the designer of the Pixie and also the store manager of HSC, told him that he had found 50, yes Virginnia, FIFTY more of them. He is holding them for QRPers. If you want some of these, give Dave a call at HSC. You must ask for Dave, and tell him that Doug, KI6DS told you about the caps. They are \$7.95 each, and they are NEW IN THE BOX!!!

The phone number is 1-408-732-1573. Remember to ask for Dave. The usual disclaimers apply here. I am not an employee, etc. etc.

72, Doug, KI6DS

From qrp-1@lehigh.edu Wed Jun 14 23:18:30 1995
Message-Id: <803134838.AA02380@hamlink.mn.org>
From: CLATON.CADMUS@hamlink.mn.org (CLATON CADMUS)
Subject: 20 MTRS& LOOP ANTENNA
Date: Wed, 14 Jun 1995 19:18:30 EDT

Hello Smitty and the group, Smitty pondered:

>Another BTW, the 40 delta loop worked very well on 20. Anybody got any
>technical thoughts on that?

Full wavelenght antennas, such as your delta loop, will operate on their
even harmonics, half wave antennas, like a dipole, on their odd. So a
40 meter loop should work on 20 and 10 with a reasonable SWR. A 40
meter dipole on 15. Hope that helps!

73 de Claton Cadmus, KA0GKC

```
-----  
| FIDOnet= Claton Cadmus 1:282./100 |  
| INTERNet= Claton.Cadmus@hamlink.mn.org |  
| PACKETnet= KA0GKC@WB0GDB.#STP.MN.USA.NA |  
-----
```

* SLMR 2.1a * I don't have a life, I have a Radio...

---NoSnail v1.17

HAM>link< RBBS - Serving the Amateur Radio Community Since 1983

- 612/HAM-0000 v.34 Ham Radio Spoken Here!!
- 612/HAM-1010 v.32b Reply to sender @ hamlink.mn.org

From qrp-1@lehigh.edu Thu Jun 15 01:36:48 1995
Message-Id: <27720.803179921@safety.ics.uci.edu>
From: Clark Savage Turner WA3JPG <turner@safety.ICS.UCI.EDU>
Subject: Re: 20 MTRS& LOOP ANTENNA
Date: Wed, 14 Jun 1995 21:36:48 EDT

Howdy group!

I find that putting as much wire up in a loop configuration in the trees available does the trick. I have one that is probably 450 feet or so, and feed it with coax (until maintenance, then I will try to get some twin lead on it...) The antenna works darned well for me, the SWR at my end never goes above 4:1 and never under 2:1. It had 5 ohms DC resistance, which I just measured for laughs. I don't know what the feed impedance is on any band, but maybe someday I will pick up one of those nifty analyzers.

Clark
WA3JPG

From qrp-1@lehigh.edu Thu Jun 15 04:20:36 1995
Message-Id: <Pine.SUN.3.91.950614221917.23590B-100000@ume>
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: Re: 20 MTRS& LOOP ANTENNA
Date: Thu, 15 Jun 1995 00:20:36 EDT

Give me the exact demensions and I will model it on the computer!
(I need SOME reason to justify that P90 at the office! ;-))
I hate to harp but swr is not everything. Who you want to talk to on what band may be much more relevant.
ie high angle for local, low angle for dx, in between for those that do both!

Dr. Rick Zabrodski BSc, MD, CCFP(E)	*	VE6GK
Email: zabrodsk@med.ucalgary.ca	*	NorCal 519 ARCI 7650 GQRP 8329
Phone 403-271-5123 Fax 403-225-1276	*	"Power is no substitute for skill"

On Wed, 14 Jun 1995, Clark Savage Turner WA3JPG wrote:

> Howdy group!
>
> I find that putting as much wire up in a loop configuration in the
> trees available does the trick. I have one that is probably 450 feet
> or so, and feed it with coax (until maintenance, then I will try
> to get some twin lead on it...) The antenna works darned well
> for me, the SWR at my end never goes above 4:1 and never under
> 2:1. It had 5 ohms DC resistance, which I just measured for
> laughs. I don't know what the feed impedance is on any band,
> but maybe someday I will pick up one of those nifty analyzers.
>

> Clark
> WA3JPG
>
>

From qrp-1@lehigh.edu Wed Jun 14 05:34:20 1995
Message-Id: <199506140533.AAA21003@ns.onramp.net>
From: cmassey@onramp.net (Cleve Massey)
Subject: 30 mtr. kit
Date: Wed, 14 Jun 1995 01:34:20 EDT

OK... What is out there as a kit for 30 mtr.???

Just looked at my travel schedule this summer and could have a ball with a QRP rig and dipole or loop material...I can't get a license for Guatemala (I leave at 7am) but have a bunch of other places that work will take me...

How about it...

Some people never find it
Some only pretend
But I just want to live
Happily ever after, now and then

From qrp-1@lehigh.edu Wed Jun 14 06:48:41 1995
Message-Id: <Pine.3.89.9506132325.A4161-0100000@dt1.datatamers.com>
From: "David D. Meacham" <ddm@datatamers.com>
Subject: Re: 30 mtr. kit
Date: Wed, 14 Jun 1995 02:48:41 EDT

Cleve,

The NorCal 40A can be rather easily converted to 30 meters or 80 meters. I have an 80-meter version about 95% done and my 30-meter one will be next. Wilderness Radio (Bob Dyer) is currently taking orders for an improved version of the NorCal 40A. Call him at (415) 494-3806 or write to: P.O. Box 734, Los Altos, CA 94023-0734. You do NOT have to be a member of the NorCal club to order this radio.

In case you haven't heard, the 40A is an excellent rig (RIT, AGC, etc.).
I have no financial interest nor any tie to Wildernes Radio other than
the facts that Bob and I are both NorCal members and we are friends.

72, Dave, W6EMD

On Wed, 14 Jun 1995, Cleve Massey wrote:

```
> OK... What is out there as a kit for 30 mtr.???  
>  
> Just looked at my travel schedule this summer and could have a ball with a  
> QRP rig and dipole or loop material...I can't get a license for Guatemala (  
> I leave at 7am) but have a bunch of other places that work will take me...  
>  
> How about it...  
>  
> *****  
> Some people never find it  
> Some only pretend  
> But I just want to live  
> Happily ever after, now and then  
>  
>  
>  
>
```

From qrp-1@lehigh.edu Thu Jun 15 04:23:55 1995
Message-Id: <199506150418.XAA08098@sparc.isl.net>
From: tdrumm@sparc.isl.net (Tony Drumm)
Subject: Re: 30 mtr. kit
Date: Thu, 15 Jun 1995 00:23:55 EDT

```
>OK... What is out there as a kit for 30 mtr.???  
>  
>Just looked at my travel schedule this summer and could have a ball with a  
>QRP rig and dipole or loop material...I can't get a license for Guatemala (  
>I leave at 7am) but have a bunch of other places that work will take me...  
>  
>How about it...  
>
```

I just built an Oak Hills Explorer 20m QRP kit (which prompted me to join
QRP-L!). They also have a 30m kit. I don't know how others (i.e. more
experienced QRP-types) like the Oak Hills line but the kit was nicely done

and easy to build.

Tony Drumm

internet: tdrumm@sparc.isl.net

Packet: aa0sm@wd0gnk.#seml.mn.usa.na

From qrp-1@lehigh.edu Wed Jun 14 13:06:10 1995

Message-Id: <9506141301.AA07222@us4rnc.pko.dec.com>

From: "N100Q Tom R. @ MR01 14-Jun-1995 0851" <randolph@est.enet.dec.com>

Subject: RE: 30m RFI, update

Date: Wed, 14 Jun 1995 09:06:10 EDT

> Wrapped the antenna end of the coax about 10 times around a 2"
> torroid before connecting it to the loading coil at the base of
> the whip. Still some serious RFI (corded telephone and computer
> speakers).

What type toroid?

Amidon/Micrometals type 75 is one type that kills "ham band" (2-30 MHz)
RF. Others may or may not... they may only work at VHF.

Not that using a random ferrite toroid is necessary bad. I did exactly that
with my 40m inverted-vee... got the toroid off a ribbon cable from a scrapped
laser printer that I found in the dumpster. I wound it with some RG58 and
checked the impedance at 7 MHz from one end of the braid to the other... about
1000 ohms with 6 turns of coax through the core, so I figure it probably is
doing what I want it to!

-Tom R. N100Q randolph@est.enet.dec.com

From qrp-1@lehigh.edu Wed Jun 14 14:17:07 1995

Message-Id: <2a6.30160.500@acenet.com>

From: brian.carling@acenet.com (Brian Carling)

Subject: Apartment Antennas?

Date: Wed, 14 Jun 1995 10:17:07 EDT

From: brian.carling@acenet.com

Congratulations to our own W6TOY/3, Bruce in Silver Spring, MD
for his excellent article in this month's QST (July 1995)
on "stealth antennas" for apartments/condos. Looks great Bruce!
By the way, does that weight on the end of the antenna act as a capacity

hat? <grin>

SLMR 2.1a Avoid traffic jams; leave work at noon.

From qrp-1@lehigh.edu Wed Jun 14 18:28:35 1995
Message-Id: <Pine.SV4.3.91.950614141812.21916A-100000@atl1.america.net>
From: Jim Stafford-W4QO <w4qo@america.net>
Subject: Callsign servers
Date: Wed, 14 Jun 1995 14:28:35 EDT

This stuff makes the rounds but here are a couple of things that I have found to be very useful in the callsign server world.

1. The QRZ CD ROM folks have an online server which I'm sure you know at

<http://www.qrz.com>

What you may not know is that they are including Email addresses in their database. Web over to them and look up your call. If you have not posted your email address, there will be a "button" you can select at the end to add yours. Check my call if you want to see someone's with address. I don't know if they will include this info on their next CD ROM, but I suspect they will (I think this would be a nice feature.)

BTW, their server is much more up-to-date than their January issue of the CD ROM. I think the last I checked it was good to about a month back. As a plug, their CD ROM really works well on a local computer BBS. We run it on the Telephone Pioneer BBS in Atlanta at 404-529-6575. Thousands of ham files, including QRP stuff on the disk are very easily found.

2. The Univ of Arkansas has a daily updated callsign lookup server. This is neat to see what calls have been issued on the last Tuesday or Thursday that the FCC issued calls. I found for example that KF4BAE was the last call issued yesterday. To access, use

<http://www.cc.columbia.edu/~fuat/cuarc/callsign-servers.html>

I use text based www so I like the so-called FTP (choice #2). It's fast and easy to use. Also, you may know that you do not need a copy of your new license in hand to operate. As long as the FCC has issued you a license, you can begin using it. For example, your friend takes the test today and the FCC issues their call on next Tuesday, he/she can look up his/her call in this D/B and begin operating prior to snail mail delivery.

(I think I would print a copy on the printer for my own satisfaction!)

Please let me know if this info has been useful to you.

Jim Stafford, W4QO RadioActive Schools(sm) -
11395 West Road Using amateur radio as
Roswell, GA 30075-2122 a teaching tool in north
404-993-9500 Georgia area schools.
Packet:W4QO@WA4BRO.#atl.ga.usa.na Internet: w4qo@america.net
G-QRP 5588 QRP-ARCI 6515 MI-QRP 697 NorCal ??? NoGaQRP #2

From qrp-1@lehigh.edu Wed Jun 14 17:20:09 1995
Message-Id: <950614131338.21e1a61b@carib.vf.mmc.com>
From: JEVERHART@cayman.vf.mmc.com
Subject: RE: Crowbars and reverse diodes
Date: Wed, 14 Jun 1995 13:20:09 EDT

Bill, you wrote, in part:

> Another question... :-)
>
> With rigs that use diodes to protect against reverse polarity
> (e.g. Norcal), can a zenor be used in it's place? i.e. put, say,
> a 15v Zenor in its place to protect against overvoltage as well
> as reverse?

My preferred practice is to use what I call a dummy diode (actually in person it's more anatomically descriptive) for reverse polarity protection.

Lots of people use series diodes and this can work but first of all you lose the diode drop voltage plus you can have a nonlinear power supply impedance.

The dummy diode goes in parallel with the supply line:

>From power supply 0-----FFFFFF-----o To rig



|

-

It is IMPERATIVE that you use a fuse! This way, if you hook things up with reversed polarity, the fuse blows, protecting the equipment. An ordinary power diode, such as a 1N4001 is adequate.

An improved version uses a power zener diode with a breakdown voltage greater than the highest supply voltage. Better yet are Transzorb (Tm) diodes. They use a high power zener diode chip in a relatively small plastic package. Using a zener or a transzorb gives you transient voltage protection as well as reverse polarity insurance. In mobile usage, over-voltage spikes large enough to cause permanent damage are more common than you might expect!

Good luck and 72/73,

Joe E. N2CX

From qrp-1@lehigh.edu Thu Jun 15 02:03:39 1995
Message-Id: <1995Jun14.220122.4281@wb3ffv.ampr.org>
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: HWA-7-1 power supply
Date: Wed, 14 Jun 1995 22:03:39 EDT

In the latest issue of both the Michigan QRP Clubs The Five Watter and the Australian QRP journal there is an article (the same one) by Fred Bonavita, W5QJM, with a fix for the HWA-7-1 power supply, to cure common mode hum in direct conversion receivers. For what it's worth, the blame does not rest solely in the power supply, but also in the HW-7 with which it is used. The '7 is notorious for common mode hum (the infamous "tunable hum"), and modifying that specific power supply is one cure. However, the HW-7 will still have the shortwave broadcast breakthrough problem. The true culprit is the 40673 MOSFET used as a mixer in this direct conversion receiver; not that it's bad, just that the design isn't optimum. The best thing to do is rip out the MOSFET and replace it with a double balanced mixer module (such as the SRA-1, SBL-1, TUF-1, TFM-2, etc). This will cure the true problem of the hum: VFO energy getting back into the power supply, rectified and modulated by the un-bypassed diodes, reradiated and picked up by the antenna. Use of a DBM, with it's much improved port-to-port isolation, will vastly reduce the amount of VFO energy getting out and clear this problem. Its use will also vastly reduce the SWBC problem. (See the

April 95 QRP Quarterly for details.) I'll send a followup article to both of these QRP journals. 73 and Queue Our Pea DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From qrp-l@lehigh.edu Wed Jun 14 16:01:55 1995
Message-Id: <m0sLtT9-0002pCC@dxis.monroe.pa.us>
From: "Bob Schreibmaier" <k2ph@dxis.monroe.pa.us>
Subject: Re: Logging programs
Date: Wed, 14 Jun 1995 12:01:55 EDT

> Thanks to Roger, AA7QY, two logging programs are available in
> qrp-l/tools. They're named fielday.exe and wr9r_300.exe, and can
> be had via anon ftp to ftp.Lehigh.EDU or via the list server:
>
> GET QRP-L/TOOLS FIELDAY.EXE
> or
> GET QRP-L/TOOLS WR9R_300.EXE

I finally found my copy of version 3.01 of the WR9R program. Don't have any idea what the difference is but, if people want it, this could certainly be made available. Note that the program is shareware, but I think he only wants 10 bucks for it. Pretty cheap.

72.5,
Bob K2PH

--

```
+----- \-\-\-+
| Bob Schreibmaier K2PH | INTERNET: k2ph@dxis.monroe.pa.us |
| (a.k.a. "The QRP'er") | ICBM: 40o55'N 75o30'W |
| Kresgeville, PA | Euthanize the Limbaugh Loonies. |
+-----+
```

From qrp-l@lehigh.edu Wed Jun 14 16:02:09 1995
Message-Id: <9506141537.AA22203@us1rmc.bb.dec.com>
From: Bill Acito 14-Jun-1995 1136 <acito@asdg.enet.dec.com>
Subject: re: Logging programs

Date: Wed, 14 Jun 1995 12:02:09 EDT

Jim, "lujce@hooch.CC.Lehigh.EDU" wrote:

| Thanks to Roger, AA7QY, two logging programs are available in
| qrp-l/tools. They're named fielday.exe and wr9r_300.exe, and can
| be had via anon ftp to ftp.Lehigh.EDU or via the list server:

| GET QRP-L/TOOLS FIELDAY.EXE
| or
| GET QRP-L/TOOLS WR9R_300.EXE

| Below is the description Roger sent along. Enjoy.

|/jim

also, by www you can access these by using this URL:

<ftp://ftp.lehigh.edu/pub/listserv/qrp-l/tools>

b

. - I own my own words -

Bill Acito
acito@asdg.enet.dec.com

|d|i|g|i|t|a|l|
Digital Equipment Corporation
Digital Semiconductor - Fab 6
Hudson, MA

kc1gs
(qrp-ne #260, norcal #1147, arrl life)

From qrp-l@lehigh.edu Wed Jun 14 19:20:05 1995
Message-Id: <9506141853.AA07948@us1rmc.bb.dec.com>
From: "Dennis, K1YPP, 226-5982" <blanchard@nac.enet.dec.com>
Subject: mai
Date: Wed, 14 Jun 1995 15:20:05 EDT

To add to what Joe, N2CX, was saying earlier: Another good idea on antennas that do not use matching systems that cause a "DC" short (baluns, Hairpin matches, twin-lead Marconi's etc.) one can put a 100K resistor across the point where the feedline attaches to the antenna. When troubleshooting, one can use an ohmmeter to quickly spot if the transmission line is open by checking to see if 100K can be measured from the feed-point.

Dennis, K1YPP

From qrp-l@lehigh.edu Wed Jun 14 20:09:28 1995
Message-Id: <199506142008.PAA11801@chuck.dallas.sgi.com>
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: Mid Round 2 -- W03B vs K5F0
Date: Wed, 14 Jun 1995 16:09:28 EDT

Well gang, if you remember, during round one, the lightweight Chuck Adams, K5F0, took it to the chin pretty hard and was down for a count of 8 towards the end of the round, but he did manage to survive to the bell.

Here in the middle of round two it looks like W03B has been quite. Maybe on vacation just to give the kid a chance to come back. Time will tell.

The crowd is still relatively quiet since the beginning of round two trying to get all the finer points of a real contest between two championship fighters going the distance.

Chuck, the lightweight at 0.95W, is still fighting tremendous odds against 0.90W to 5.0W output that the heavyweight has at his command. It looks like it's going to come down to time in the ring and propagation. Chuck has found that early twilight to an hour or so after sunrise has some great advantages for the early bird. Why, just his activity on Wednesday morning netted him several new states and JS7JVJ who went the distance with extra effort to get the weak guy through the noise levels. Great job Seo-San. An extra dit-dit to a good operator.

So it looks like the little guys has:

14 states in the first week after the knockdown

AZ, CA, CO, FL, IL, IN, IA, KY, MO, MT, OH, PA, TX, and WI

Countries include

DK, K, LV, LX, VE

Heard lots and the ever famous but elusive F3NB. :-)

Looks like an hour or so before sunset to local midnight are great hours. Last night netted Allen K9DZE and Ted KF8EE from the internet QRP crowd. Thanks guys.

The funniest thing happened this morning. I call CQ 3x3 and got the elusive MT (well for some people). Right after that I had another station call me. First thing he asked was, "Is there a QRP contest on 30M going?". He had worked a large group of QRPers before me. :-) I told him they don't have contests on 30M. Looks like the activity has picked up on the band. I'm finding about half the contacts are QRP 2way's.

OK ref, where was I?

dit dit

--

Chuck Adams K5FO CP-60 adams@sgi.com

From qrp-1@lehigh.edu Wed Jun 14 20:43:09 1995

Message-Id: <9506142042.AA16286@philadelphia.libertynet.org>

From: adam@philadelphia.libertynet.org (Adam O'Donnell)

Subject: New WWW page

Date: Wed, 14 Jun 1995 16:43:09 EDT

I have begun to create a www page devoted to low profile amateur radio.

<http://www.libertynet.org/~adam/low-pro.html>

Please PLEASE give me something else to put up there. Anything! I need stories, antenna suggestions, etc. ANYTHING.

Also a list of links to other pages would be helpful.

73 and thanks.

--

Adam O'Donnell, N3RCS (no longer AG. Got the liscense today.)

Internet: adam@libertynet.org

My parents tell me that I just take up time and space. It's true -
I'm into relativity theory.

----- PGP Public Key available upon Finger -----

From qrp-1@lehigh.edu Thu Jun 15 00:45:52 1995
Message-Id: <199506150043.WAA02082@public.compuser.net>
From: rgobrick@public.compuser.net (Robert J. Gobrick)
Subject: Re: New WWW page
Date: Wed, 14 Jun 1995 20:45:52 EDT

Hi Adam,

I'm a little behind the times (I WAS on vacation for two weeks) but what is
"low profile amateur radio"?

Tnx 73/72 Bob V01DRB/WA6ERB

>I have begun to create a www page devoted to low profile amateur radio.
>
><http://www.libertynet.org/~adam/low-pro.html>
>
>Please PLEASE give me something else to put up there. Anything! I need
>stories, antenna suggestions, etc. ANYTHING.
>
>Also a list of links to other pages would be helpful.
>
>73 and thanks.
>
>--
>Adam O'Donnell, N3RCS (no longer AG. Got the liscense today.)
>Internet: adam@libertynet.org
>
>My parents tell me that I just take up time and space. It's true -
>I'm into relativity theory.
>
>----- PGP Public Key available upon Finger -----
>
>
>

Bob Gobrick - V01DRB/WA6ERB/VE2DRB - Newfoundland, Canada
QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP

Internet: rgobrick@public.compusult.nf.ca
bgobrick@terra.nlnet.nf.ca

Compuserve: 70466.1405@compuserve.com

From qrp-1@lehigh.edu Thu Jun 15 03:16:03 1995
Message-Id: <950614231225.21e1d8ee@carib.vf.mmc.com>
From: JEVERHART@cayman.vf.mmc.com
Subject: Re: New WWW page
Date: Wed, 14 Jun 1995 23:16:03 EDT

Bob, Bob, Re low-profile amateur radio, if you gotta ask you obviously missed it. Therefore that's an example of low profile hamming. If you need expalnation, Ask Nils....

72/73,

Joe E. N2CX

From qrp-1@lehigh.edu Wed Jun 14 16:01:43 1995
Message-Id: <9506141511.AA09381@dtcs70.dtc.kodak.com>
From: mitchell@dtcs70.dtc.kodak.com (Brad Mitchel)
Subject: QRP Tuner ALA Demaw
Date: Wed, 14 Jun 1995 12:01:43 EDT

I was going through some of my very old qst's and saw a novel tuner in one. The article was by Doug Demaw, and he used a ferrite rod in a coil to vary the inductance on the tuner. The front panel just had a slider knob for controlling the inductance. This seems like a nice and simple way to make a qrp tuner! I think this might be worth while trying sometime. I'm wondering has any of you old timer qrpers tried this, and if so how did you make out? I have a couple of old am radios I could sacrafice for this project!

73 Brad WB8YGG

From qrp-l@lehigh.edu Thu Jun 15 01:33:40 1995
Message-Id: <199506150132.VAA17496@cais.cais.com>
From: jshelton@cais.cais.com (Jeff Shelton)
Subject: QRP w/Pentagon ARC station - interest?
Date: Wed, 14 Jun 1995 21:33:40 EDT

It looks like I may be able to work from the Pentagon Amateur Radio Club, K4AF on a few days/evenings during this summer. (With an R7 mounted five floors up on top of the B ring, it'll be a welcome change from my rainspout antenna!)

I'm wondering if any of the folks on QRP-L would be interested in working K4AF QRP? I can try to set up schedules, etc. if anyone is interested. Suggestions on days, times, and frequencies gratefully accepted (and if you think it's a silly idea, tell me that too . . .)

Disclaimer: if this happens, it WON'T be a "special event" - there is no official or formal backing of ANY kind. The Pentagon ARC was kind enough to let me join and use the club station, but it won't be a club event, let alone anything sanctioned by DoD. It's just a notion I took into my head. Nothing formal, but the QSL card is pretty neat (at least if you like pictures of funny shaped buildings).

Let me know what you think.

72/73,
Jeff - KS4TL
jshelton@cais.com

From qrp-l@lehigh.edu Thu Jun 15 00:51:26 1995
Message-Id: <199506150049.WAA02274@public.compusult.nf.ca>
From: rgobrick@public.compusult.nf.ca (Robert J. Gobrick)
Subject: qrp-l Archive: MFJ-9030 Drift Fix
Date: Wed, 14 Jun 1995 20:51:26 EDT

Steve and qrp-l gang, (originally addressed to Steve Hideg and now rebroadcasted to qrp-l.)

I lost "incoming" directory info you sent the other day but here is an article that you may want to consider for the archives. Hope it is of help to the many MFJ-90xx owners out there.

MFJ-9030 DRIFT FIX

Preamble: This article originally appeared in the March 1995 issue of the Colorado QRP Club newsletter the Low Down. It is being posted in the Internet QRP-L List archives for the benefit of qrp-l users.

I previously wrote a review for the ARCI QRP Quarterly about the MFJ-90xx series of 5 watt qrp rigs and in general, I believe them to be the finest single band commercial qrp rigs on the market. What follows is a situation that occurred when MFJ made a number of modifications to this rig. I applaud MFJ for continually trying to improve their products. A case in point is this QRP rig. There have been a number of notable changes, both internally and externally, of this rig from it's first introduction. All these changes have enhanced an otherwise solid design. Every once in a while though a change goes astray. This is one of those times. From what I understand MFJ has rectified this problem since the time I wrote this article. But if you experience excessive drift in your MFJ-90xx then read on.

HOW THE INTERNET FIXED MY MFJ-9030 RIG

By Bob Gobrick V01DRB/WA6ERB
(Internet: bgobrick@nlnet.nf.ca)
Revised for qrp-l on June 14, 1995

Is the Internet great or what? A few months ago I had a new MFJ-9030 30 meter cw transceiver that would drift 1800 Hz during the first half an hour. Today, with help from the Internet, it drifts less than 300 Hz in the first ten minutes. Actually I should have said "with help from the USERS of the Internet" my problem was solved.

My "search" for the 9030 drift solution, and more importantly the reason for the drift, started with a posting on the Internet QRP-L reflector list. The Colorado QRP Club posted some info on a drift problem with a new MFJ-9040 and some correspondence that went on with the 90xx designer Rick Littlefield K1BQT. It appeared that MFJ updated their 90xx printed circuit boards (from Revision 4 to 5A) and some new parts were added, in particular two VFO capacitors, C32 and C33. The old polystyrene caps were replaced with "better" multilayer monolithic capacitors. These changes were verified in the January 1994 issue of Joe Falcone AA8HV's "MFJ NINETIES" newsletter.

The drift that was occurring in the new revision 5A board was

strange since a very early MFJ-9020 that I owned didn't exhibit this level of drift. Over on Compuserve Hamnet, I contacted the local MFJ rep, about the problem and he mentioned the drift was "normal", but he would send me some of the "old" polystyrene capacitors if I wanted to experiment. Meanwhile, over on the qrp-l list (qrp-l@lehigh.edu) debate began to grow about the problem. It appeared that all new models of the 90xx using the 5A revision boards were exhibiting some drift. Many ideas were tossed around on the qrp-l list and I was going with the notion that the 9030 needed some good quality NPO (zero temperature coefficient) capacitors. But it wasn't until Joe Everhart N2CX came along and suggested that maybe what was needed was the original polystyrene caps, since they exhibit a negative drift trait which would "counter" the positive drift that the magnetic core TOKO inductor had. BINGO. I checked out Joe's theory with "W1FB's Design Notebook" and the Mouser Electronics catalog and sure enough Joe's theory looked promising.

Over to Compuserve Hamnet again, and the MFJ representative said he would send me the polystyrene caps. Installation was a breeze (the 5A board actually has two hole patterns for both the multilayer, as well as polystyrene caps - did they know something we didn't?). Ran my tests and drift was now down to less than 300 Hz from a cold Newfoundland turn-on. Just goes to show - don't fix something when it ain't broke. I am not sure what MFJ's policy will be, but they need to go back to their original VFO design, yet at the same time keep enhancing the circuit as they did with the 5A upgrade.

So thanks to MFJ, Joe N2CX, the Colorado QRP Club, the MFJ NINETIES newsletter, and of course the gang on the Internet QRP-L for fixing my rig. To boot, I worked St. Martin and Switzerland with my "new" drift-free MFJ-9030 and MFJ Super Hi-Q Loop a few hours after the repair. Now that I can't attribute to the Internet (why heck I could Email to St. Martin and Switzerland easier...)

Bob Gobrick - VO1DRB/WA6ERB/VE2DRB - Newfoundland, Canada
QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP

Internet: rgobrick@public.compuserve.nf.ca
 bgobrick@terra.nl.net.nf.ca

Compuserve: 70466.1405@compuserve.com

From qrp-1@lehigh.edu Thu Jun 15 01:22:03 1995
Message-Id: <199506150119.SAA11071@ix3.ix.netcom.com>
From: dcwill@ix.netcom.com (Dave Williamson aa4zx/8)
Subject: qrping the ft-840, 949c, and so on
Date: Wed, 14 Jun 1995 21:22:03 EDT

Well, it works. I did a quick mod to my MFJ 949C tuner/swr meter so full-scale was 6 watts, used a pot and a nine-volt battery on the ALC on my FT-840 to get the output down to 1 watt, and gave a go at OZ1CTK tonight. After not too many tries, I got 'im. I was so surprised, I only gave my call and his RST on return! I've worked QRP with my old TenTec Century 21 before, but this, somehow, is different... Lotsa fun, gang.

Needless to say, the band was pretty good tonight.

See y'all on 30 - - -

73 de aa4zx/8
near Elkins WV
QRPARCI 6551

From qrp-1@lehigh.edu Wed Jun 14 18:14:57 1995
Message-Id: <950614141017.21e1a61b@carib.vf.mmc.com>
From: JEVERHART@cayman.vf.mmc.com
Subject: Re: serendipity
Date: Wed, 14 Jun 1995 14:14:57 EDT

Stephen, you wrote, in part:

> I too seem to have lost the ability to get out on
> 30 meters, Joe. My Butternut HF-9 is ground mounted,
> planted in the rose garden surrounded by deciduous
> trees. The roses have never looked better, but alas,
> I have made no 30 meter contacts since the trees leafed
> out and the roses started blooming (about a month now).
> Been sending 30 meter CQ's now nearly every night.
> Time to raise the antenna off the floor I guess.

Wow, you got non-resonant roses or something?

My observed difficulty was apparently due to physical contact of the forsythia with the bare metal of my antenna. I guess this is reasonable since I did notice that the tuning range on several bands was lower than normal and returned to the usual values when I trimmed the bush back. - capacitvie loading I guess. And it was more lossy, too. The 2:1 swr bandwidths on all bands were wider than normal.

In the past, the wider bandwidths have been associated with other losses, such as poor metal-to-metal contacts and loose ground connections. For the metal-to-metal problems, I take the antenna apart periodically (one a year or so) and recoat all joints with Butter-Snot. As for th eloose ground, tha's just a matter of periodically checking everything. A good indicator is to check the resistance between your antenna ground and your cold water pipes.

Another "funny" that I wrote up for the QQ IX column was evident on the low bands. Receive seemed to be ok, but transmit was poor below 10 meters. A DC resistance check between the coax center conductor and shield in the house showed an open circuit even though the antenna feedpoint has a low resistance due to a shunt coil. Turned out that barrel connector joining the the quarter wave matching line to the feedline had high resistance joints!

The best way to keep track of all these problems is to make a good set of measurements when you first erect the antenna and then check them every couple of months or whenever performance seems to suffer.

At a minimum I check and record the following:

2:1 swr limits and min swr frequency on each band.
DC ground resistance between antenna and water pipe ground.
DC resistance from the coax shield to center connector at the end away from the antenna.

I record them in my logbook for easy reference.

Good luck and 72/73,

Joe E. N2CX

From qrp-1@lehigh.edu Wed Jun 14 13:09:42 1995
Message-Id: <Pine.SUN.3.91.950614065439.18533A-1000000@ume>
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: sierra output update
Date: Wed, 14 Jun 1995 09:09:42 EDT

Thought you might be interested to find out the ultimate soluiton to my

low power output.

Noted big difference in power output (+/- 50%) across 40 meters.

ie: 600 mw at 7.000, 1.0 watts at 7.040 and almost 2 watts in novice portion.

Wayne suggested I try peaking torroids via the "stagger tuning method".

This involved peaking the left xmit bpf and pmo bpf at the low end of band and the right for a point 50 khz higher. Results:

This fixed the problems nicely on 20 and 40 for which I get 1.8 to 2 watts out on 150 khz. A steady 1.2 watts on 30m. I think I need to play with low pass filiter on 30 yet.

Talked with Bob at wilderness radio yesterday about the 30a retrokit for my yet to be built norcal 40a. (I have been enjoying 30m lately and thought a smaller, dedicated rig would be nice, leave the sierra for contests). He remembered shipping me the norcal 40a 3/12 ago even before I told him why I was calling!

There is a growing interest in qrp and building here in Calgary, particularly amongst some of the older hams. A few want to make a mini venture to build a rig from scratch as a group project. I have been trying to convince them that rather than "re-inventing the wheel" they might be better off at least at first with a tried and true project with all the parts in one box!

Dr. Rick Zabrodski BSc, MD, CCFP(E)	*	VE6GK
Email: zabrodsk@med.ucalgary.ca	*	NorCal 519 ARCI 7650 GQRP 8329
Phone 403-271-5123 Fax 403-225-1276	*	"Power is no substitute for skill"

From qrp-1@lehigh.edu Wed Jun 14 16:31:34 1995
Message-Id: <Pine.3.89.9506140848.C7743-0100000@dt1.datatamers.com>
From: "David D. Meacham" <ddm@datatamers.com>
Subject: Re: sierra output update
Date: Wed, 14 Jun 1995 12:31:34 EDT

Rick,

Thanks for the update. Glad it fixed the problem. I had to do the same thing on 80 meters to get even response across the band.

It sounds like "stagger tuning" and it feels like "stagger tuning" but it really isn't! Its a physical method of tuning that results in approximately the SAME resonant frequency for each parallel-tuned circuit. Double-tuned circuit theory holds that each resonant circuit must be tuned to the SAME FREQUENCY in order to obtain the proper response.

The only way to tell if you have done that is if you get the proper response!

72, Dave, W6EMD (ddm@datatamers.com)

On Wed, 14 Jun 1995, Rick Zabrodski wrote:

> Thought you might be interested to find out the ultimate soluiton to my
> low power ouput.
> Noted big difference in power output (+/- 50%) across 40 meteres.
> ie: 600 mw at 7.000, 1.0 watts at 7.040 and almost 2 watts in novice portion.
> Wayne suggested I try peaking torroids via the "stagger tuning method".
> This involved peaking the left xmit bpf and pmo bpf at the low end of
> band and the right for a point 50 khz higher. Results:
> This fixed the problems nicely on 20 and 40 for which I get 1.8 to 2
> watts out on 150 khz. A steady 1.2 watts on 30m. I think I need to play
> with low pass filiter on 30 yet.
>
> Talked with Bob at wilderness radio yesterday about the 30a retrokit for
> my yet to be built norcal 40a. (I have been enjoying 30m lately and
> thought a smaller, dedicated rig would be nice, leave the sierra for
> contests). He remembered shipping me the norcal 40a 3/12 ago even before I
> told him why I was calling!
>
> There is a growing interest in qrp and building here in Calgary,
> particularly amongst some of the older hams. A few want to make a mini
> venture to build a rig from scratch as a group project. I have been
> trying to convince them that rather than "re-inventing the wheel" they might be
> better off at least at first with a tried and true project with all the
> parts in one box!
>
> Dr. Rick Zabrodski BSc, MD, CCFP(E) * VE6GK
> Email: zabrodsk@med.ucalgary.ca * NorCal 519 ARCI 7650 GQRP 8329
> Phone 403-271-5123 Fax 403-225-1276 * "Power is no substitute for skill"
>
>
>

From qrp-1@lehigh.edu Wed Jun 14 18:50:59 1995
Message-Id: <199506141847.0AA29917@oucsace.cs.ohiou.edu>
From: William McFadden <wmcfadde@oucsace.cs.ohiou.edu>
Subject: Synopsis--Where to buy RG-174
Date: Wed, 14 Jun 1995 14:50:59 EDT

Wow! I asked for help in finding RG-174 coax, and was inundated with responses. I have several good leads, and one kind benefactor, who shall remain anonymous unless he chooses to identify himself, is sending me the length of RG-174 I need, free!

Here's a synopsis of the other replies:

(I did call the Wireman; his price is the best--\$.13/ft, and it's in stock.)

>From dmalinak@CLASS.ORG Wed Jun 14 09:00:29 1995

There's an outfit called Pasternack Enterprises in Irvine, CA, that has RG-174 at \$.12/foot. However, that's a 250-to-499-foot price, and that's the lowest quantity the catalog shows. Don't know how much you need...maybe some others on the list would want to pitch in with you. Anyway, here's the info...

Pasternack Enterprises
P.O. Box 16759
Irvine, CA 92713-6759

Phone: (714) 261-1920
FAX: (714) 261-7451

BTW, this outfit's catalog is filled with any and every kind of patch cable, adaptor, coax connector, etc. you can think of. Also attenuators, coax switches, broadband amps, directional couplers...lots of good stuff.

72/73 David N2SMH
Glen Rock NJ

>From aa7qy@primenet.com Wed Jun 14 10:01:16 1995

Mouser electronics sells RG-174 for \$32.57 per 100' roll, and Circuit Specialists in Mesa, AZ sells it for \$.26 a foot (by the foot) or \$.20 per foot for more than 100ft qty (1-800-528-1417).

73, de Roger AA7QY
aa7qy@primenet.com rhigh@aztec.asu.edu Ham Radio: AA7QY@KC7Y.AZ.USA.NA

>From thom@li.net Wed Jun 14 12:02:57 1995

I can't find the catalog, at the moment, but I think Oak Hill Research carries it at abt \$1.95 per 10 feet. Let me know if you have any luck

Tom
WB2QDG

>From w4qo@america.net Wed Jun 14 13:15:16 1995

Use the WIREMAN in South Carolina. Ships very promptly. I don't have his number but I can look it up.

73/72/jim/w4qo

--

W. Eric McFadden WD8RIF
wmcfadden@ohiou.edu

From qrp-1@lehigh.edu Wed Jun 14 11:16:56 1995
Message-Id: <Pine.3.89.9506140641.A543683195-01000000@utkvx.utk.edu>
From: cebik@UTKVVX.UTCC.UTK.EDU
Subject: Thanks to all (so far?)
Date: Wed, 14 Jun 1995 07:16:56 EDT

On a relatively esoteric question of 70-75 ohm twinlead, I had 10 immediate responses with very helpful information, with some going out of their way to see if they had or could get the stuff from their sources. That is an amazingly helpful record for any finite collection of hams (450+?). To all who sent messages, my thanks. And my appreciation of the spirit of this net--may it continue as what my father (1ATG and still a ham at 89) taught me was the spirit of amateur radio.

Kudos also to jim, the net wizard: my cc to myself, which only went as far as the local VAX machine, was timed only 1 minute faster than the net distribution copy, which was the next message on my incoming list. Now that's fast. I sometimes think Ma Bell puts more time delays into her circuits than this.

Every time I want to cuss out the bad manners, QRM, and other bad operating practices on the air, I think of this group, smile, and keep on working. Thanks!

And, of yes, anything further on transmitting 75-ohm twinlead will be

appreciated. I'll summarize what I discover, since it appears that while a number used to use the stuff and quit, there are still some pretty fair uses for it today. The balun does not have to go at the monoband dipole junction: it can go at the shack entrance, with 75-ohm twinlead to the antenna. Probably would save a little weight on the wire. That's just one.

Thanks again.

-73-

LB, W4RNL

From qrp-1@lehigh.edu Thu Jun 15 03:50:06 1995
Message-Id: <Pine.SUN.3.91.950614233437.12137E-100000@grape.epix.net>
From: rarland@epix.net
Subject: The Bic-40 "Flamethrower Antenna"
Date: Wed, 14 Jun 1995 23:50:06 EDT

A week or so ago, I posted a short note about Fred Turpin, K6MDJ's newest antenna creation, the Zuni Loop Bic-40 Flamethrower Antenna. What follows is a very brief description....Fred will be sending this to Dougie, at QRPp ASAP (Do you thing we tend to use too many acronymns?)

The Bic-40 is a 40 mtr dipole made from parts of a Bic lighter. This is the standard size Bic disposable lighter...not the smaller units.

First you must ensure the lighter is completely empty of butane....Fred puts a rubber band around the lighter to hold the trigger down. Once the lighter is emptied, he uses a standard mitre box saw/jig to cut off the top 1/2 inch of plastic just under all the metal hardware. This gets rid of all the baffled plastic at the top of the lighter.

Next he cuts pieces off of the remaining body of the lighter, 3/8 thick. these become the end insulators. The remaining portion of the body of the lighter (about 1 1/2 inches) becomes the center insulator.

In order to drill holes in this plastic, you must first mark the hole using an Xacto knife with a #1 blade (that is the sharp pointed one), otherwise the drill will walk all over the surface of the plastic.

Two holes are drilled in each end insulator at the elliptical (sp) ends of the insulators. One hole will terminate the end of the dipole wire while the other hole will be used to hold the tie-off line.

The center insulator has a hole drilled on each elliptical edge about 3/4 of an inch from the top of the open end. These holes will accept the #22 AWG wire (R-S # 22 speaker zip-cord wire is used....cut off 35 ft and split the wires apart to form the dipole elements). In the bottom of the center insulator, another hole is drilled to accept the RG-174 coax.

Prepare the center insulator the same as you would for a regular dipole...one wire element to the center conductor of the RG-174 the other to the shield. It wouldn't hurt to tie a small knot in the end of each wire element to add strength to the design, so the wire would be less likely to pull out of the hole. Scrunch everthing down into the lighter case, mix up some epoxy (R-S twin-tube 5 minute epoxy is fine) and fill the lighter body with epoxy resin, let it cure and you are almost ready to use the antenna.

Final assembly entails attaching the end insulators to the dipole elements, adding some kind of support to the center insulator to hang the antenna as an inverted Vee. This can be a picture-hanger screw eye screwed into the epoxy resin in the center insulator. Another idea is to use a cotter pin with the legs bent outward and embed it into the epoxy prior to it setting up.

A BNC connector on the end of the 40 to 50 foot length of RG-174 feedline completes the antenna.

Fred says to prune the antenna for the center of the band that your NorCal 40 tunes, and this will yield a 1.5:1 SWR across the entire tuning range of the rig.

Sounds like a great little antenna. Mine is almost completed. I'll be using it during FD-95.

Look for you on the bands./

73 rich K7YHA

From qrp-l@lehigh.edu Wed Jun 14 23:18:09 1995
Message-Id: <803134838.AA02381@hamlink.mn.org>
From: CLATON.CADMUS@hamlink.mn.org (CLATON CADMUS)
Subject: TWINLEAD
Date: Wed, 14 Jun 1995 19:18:09 EDT

Hi Clark and listers,

>for 70 ohms I bet Teflon plenum zip cord would have about the

>right impedance...

Clark, what is Teflon plenum zip cord and where do you get it?
Thanks,

73 de Claton Cadmus, KA0GKC

```
-----  
| FIDOnet= Claton Cadmus 1:282./100 |  
| INTERNet= Claton.Cadmus@hamlink.mn.org |  
| PACKETnet= KA0GKC@WB0GDB.#STP.MN.USA.NA |  
-----
```

* SLMR 2.1a * A thing worth doing well is worth doing slow!-Gypsy R.Lee

---NoSnail v1.17

HAM>link< RBBS - Serving the Amateur Radio Community Since 1983

- 612/HAM-0000 v.34 Ham Radio Spoken Here!!
- 612/HAM-1010 v.32b Reply to sender @ hamlink.mn.org

From qrp-1@lehigh.edu Wed Jun 14 13:30:34 1995
Message-Id: <14JUN95.10234409.0035.MUSIC@MARISTB.MARIST.EDU>
From: "Bowes, Fr. Bruce" <GBB1@MARISTB.MARIST.EDU>
Subject: W1FB's amp PA5-HF ??
Date: Wed, 14 Jun 1995 09:30:34 EDT

Has anyone had experience with W1FB's amp? Wonder if it would be
a good addition to my SW-40. It is located on pg 129 of the W1FB's
Notebook.
Fr Bowes

From qrp-1@lehigh.edu Thu Jun 15 01:55:26 1995
Message-Id: <1995Jun14.215340.4281@wb3ffv.ampr.org>
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: W6TOY in QST
Date: Wed, 14 Jun 1995 21:55:26 EDT

Like Brian/AF4K said, congrats to W6TOY on his QST article! He's one

of us--bruce3900@delphi.com and QRP Quarterly columnist ("QRP, Really!"). He's also a brave, brave man--in print, which will be read by a large number of active QRPers in the country, he announces his precise street address, down to the floor and apartment number, lets us know we can verify it by looking for the window with a piece of wire sneaking out of it...and tells us he has a Kenwood TS-130V, which, to many QRPers, is one of the most sought-after QRP rigs of all time! I'll just say this--I've known Bruce personally for some time, and he's not stoopid. Don't even THINK about it; I strongly suspect he has a home security system, video surveillance system, 4 very loyal Pit Bulls and 3 Dobermans, and to top it off, the TS-130V probably sits on top of a pressure activated sensor switch connected to a Sarin gas canister hidden in the room somewhere. I think his TS-130V is safe :-)

73
and Queue Our Pea DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From qrp-1@lehigh.edu Wed Jun 14 16:39:40 1995
Message-Id: <H000029a006a8373@MHS>
From: Limbert_Mark/svoa0001@ssb.com
Subject: Wanted
Date: Wed, 14 Jun 1995 12:39:40 EDT

Wanted:

used QRP related literature

books
club newsletters
etc.

Thanks,
Mark Limbert - Email me direct at: mdlimbe@clipper.ssb.com

From qrp-1@lehigh.edu Thu Jun 15 00:08:26 1995
Message-Id: <950615000251_74740.3166_EHB173-2@CompuServe.COM>
From: Craig LaBarge <74740.3166@compuserve.com>

Subject: WB3GCK/5 (Dallas-bound)
Date: Wed, 14 Jun 1995 20:08:26 EDT

Looks like I'll be in Dallas next week on business. Anything of ham radio/QRP interest down there in case I get a free evening or two to kill?

Any 2 meter traffic nets in the area? I probably won't be packing a QRP rig, but will likely throw the HT in the bag.

73, Craig WB3GCK

From qrp-1@lehigh.edu Wed Jun 14 12:49:16 1995
Message-Id: <199506141248.IAA11619@oucsace.cs.ohiou.edu>
From: William McFadden <wmcfadde@oucsace.cs.ohiou.edu>
Subject: Where to buy RG-174?
Date: Wed, 14 Jun 1995 08:49:16 EDT

Hello all,

I'm trying to find a source for RG-174, for portable antenna feedline. I've found one source, All Electronics, that lists it in their catalog for \$15 per 100', but they seem to be permanently out of stock. I've found it in two other catalogs for \$.30/ft, but this is more than I'm willing to pay.

Can anyone suggest another source?

73,
Eric.

--

W. Eric McFadden WD8RIF
wmcfadden@ohiou.edu

From qrp-1@lehigh.edu Wed Jun 14 14:01:54 1995
Message-Id: <199506141401.HAA05187@mailhost.primenet.com>
From: aa7qy@primenet.com (Roger Hightower)
Subject: Re: Where to buy RG-174?
Date: Wed, 14 Jun 1995 10:01:54 EDT

>Hello all,

>
>I'm trying to find a source for RG-174, for portable antenna feedline. I've
>found one source, All Electronics, that lists it in their catalog for \$15
>per 100', but they seem to be permanently out of stock. I've found it in
>two other catalogs for \$.30/ft, but this is more than I'm willing to pay.
>
>Can anyone suggest another source?

>
>73,
>Eric.

Mouser electronics sells RG-174 for \$32.57 per 100' roll, and Circuit Specialists in Mesa, AZ sells it for \$.26 a foot (by the foot) or \$.20 per foot for more than 100ft qty (1-800-528-1417).

73, de Roger AA7QY
aa7qy@primenet.com rhigh@aztec.asu.edu Ham Radio: AA7QY@KC7Y.AZ.USA.NA

From qrp-1@lehigh.edu Thu Jun 15 03:33:30 1995
Message-Id: <Pine.SUN.3.91.950614232952.12137D-1000000@grape.epix.net>
From: rarland@epix.net
Subject: Re: Where to buy RG-174?
Date: Wed, 14 Jun 1995 23:33:30 EDT

Hi Rog:
Tnx for the diskette with the FD pgms. Reimbursement is on the way.

About RG-174....Fred Turpin, K6MDJ, told me this weekend that the cheapest place he's found is Ocean State Electronics in NJ. Their 800 number has been taken out but their normal number is OK. Price is about 1/2 of what others charge (this according to Fred). Unfortunately, I don't have their number handy but they advertise in Worldradio and 73 magazine.

73 rich K7YHA